

ABSTRACT OF THE DISCLOSURE

The present invention provides aligned fine particles that are aligned on a substrate. An organic coating film is bonded to surfaces of the fine particles is formed on the surfaces of the fine particles. An organic coating film bonded to a surface of the substrate is formed on the surface of the substrate. The organic coating film on the surfaces of the fine particles is bonded to the organic coating film on the surface of the substrate, whereby the fine particles are immobilized and aligned on the substrate. Thus, it is possible to align the fine particles of a nanometer scale in a specific direction. When fine magnetic particles are used, a magnetic recording medium for high recording density can be obtained, and a high-density magnetic recording/reproducing apparatus can be provided.

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